| Index of Claims | | | | | | | | F | Application/Control No. | | | | | | | | | | Applicant(s)/Patent und Reexamination | | | | | | | | | | | | | | |
|-----------------|----------------|-----------------|----------|--------|---------|-----|--|-----------|-------------------------|----------|------------|----------|----------|-------------|-----------------|-----------|----------------|----------|---------------------------------------|----------|----------|-------|------------|-----------|----------|----------|----------|---------------|----------|----------|----------|---|---|
| | | | | | | | | | | | | | | 0 | 9/5 | 21 | ,10 | 7 | | | | | | | D | RA | BE | ER. | SI | LK | Ε | | |
| | | | | Ш | | | | | | I | | • | | | xar | | | - | | | | | | | | rt L | | | | | <u> </u> | | _ |
| | | | | | $\ \ $ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | <u> </u> | lal | <u>D.</u> | Wa | acl | hsn | nar | <u> </u> | | | | 28 | 357 | · - | | | | | | _ |
| | | √ | Re | jec | tec | t | | _ | (| Thr | oug Car | h nu | ıme | eral) | ١. | | N | N | lon | -Ele | ect | ed | | A | | Α | pp | eal | | | | | |
| | | = | ۸۱ | low | , od | | | ÷ | | | Das | trict | -ad | | | Ì | 1 | 1, | nto | rfer | on | | | 0 | | OF | nio. | cted | - | | | | |
| | | | | | | | | L | | | Nes | | .cu | | | | | - 11 | III | 1161 | CII | | | | | <u> </u> | Je. | , tet | | | | | |
| Cla | im | | | | Di | ate | | | | | Clair | n | | | | ate | <u> </u> | | | \neg | ſ | Cli | aim | T | | | | ate | | | | 7 | |
| | · - | 5 | | | | | | | | | | ē | | | | | | | | | Ī | | <u>-</u> | | | | | | | | | } | |
| Final | Original | 5-24-05 | | | | - 1 | | | | 100 | 2 | Original | | | | | | | | | | Final | Original | | | | ŀ | ł | | | | | |
| Œ | ŏ | 7 | | | | | | | | 6 | | ō | | | | | | | | | | ĬĪ. | Ö | | | | | - | | | | | |
| | 1 | 7 | -+ | + | + | | ┼- | ┿ | | | | 51 | | | ┼┼ | \dashv | | | | - | - | | 101 | - | -+ | + | + | + | + | + | + | - | |
| \dashv | 2 | 7 | \dashv | + | + | - | ⊢ | + | Н | | | 52 | + | + | \vdash | - | \dashv | | Н | H | - } | | 102 | \vdash | \dashv | \dashv | \dashv | + | - | ┿ | + | 1 | |
| \dashv | 3 | 1 | \dashv | + | + | + | H | \dagger | Н | | | 53 | \dashv | + | \vdash | \dashv | $\neg \dagger$ | | \vdash | | ł | | 103 | | + | + | | | | +- | - | 1 | |
| | 4 | 7 | \dashv | \top | 7 | | \vdash | \top | П | | | 54 | \top | _ | \Box | | \neg | | | | Ì | | 104 | | 7 | \top | | 十 | _ | + | | 1 | |
| | 5 | 1 | | | | | | | | | | 55 | | | | | | | | | | | 105 | | | | | | | | |] | |
| | 6 | 7 | | | | | | | | | | 56 | | | | | | | | | | | 106 | | | | | | | | |] | |
| | 7 | 1 | _ . | | 4 | | L | <u> </u> | | | | 57 | _ | 1 | | _ | _ | | Ш | | - | | 107 | | _ | | | | 4 | 4 | _ | 1 | |
| | 8 | 7 | - | 4 | - | | ╀ | - | _ | | | 58 | - | _ | \sqcup | \dashv | \dashv | | Н | Щ | } | | 108 | | \dashv | \dashv | \dashv | + | _ | + | + | - | |
| | 9 10 | 7 | - | | + | | ┼- | - | \vdash | | | 59 60 | | | \vdash | \dashv | | | Н | Н | ŀ | | 109 110 | | - | + | _ | + | + | + | + | - | |
| | 11 | 7 | | + | + | + | - | + | - | - | | 61 | + | + | \vdash | \dashv | \dashv | - | H | H | } | | 111 | + | \dashv | + | + | + | + | + | + | 1 | |
| | 12 | 7 | _ | + | + | | | + | \vdash | | | 52 | _ | | \vdash | \dashv | \dashv | | \vdash | \dashv | - | | 112 | \forall | \dashv | \dashv | \dashv | + | + | + | + | 1 | |
| $\neg \neg$ | 13 | 7 | _ | _ | + | - - | \vdash | 1 | | - | | 63 | \top | \dagger | \Box | | 一 | | Н | \dashv | ŀ | | 113 | | \dashv | _ | \dashv | 十 | _ - | \top | +- | 1 | |
| | 14 | 7 | | | | | | | | | | 64 | | | | | | | | | f | | 114 | | | 1 | | | 7 | 1 | | 1 | |
| | 15 | | | | | | L | | | | | 65 | | | | | | | | | | | 115 | | | | | | | | |] | |
|] | 16 | | | | | | L | | | | | 66 | - [| | Ш | | | | | | | | 116 | Ш | \Box | Ţ | \Box | | \bot | \perp | \perp | | |
| | 17 | | _ | | _ | | _ | 1. | Ш | <u> </u> | | 67 | \bot | \perp | Щ | | _ | | Ш | Ш | | | 117 | | _ | | \dashv | 4 | _ _ | _ | | - | |
| | 18 | | \dashv | - | + | + | ⊨ | +- | Щ | _ | | 86 | + | + | \sqcup | 4 | \dashv | | \sqcup | Щ | - | | 118 | | \dashv | -+ | 4 | + | - - | - | - | 1 | |
| | 19 20 | | + | + | + | + | ┡ | \vdash | \dashv | | | 39 70 | + | + | $\vdash \vdash$ | - | \dashv | _ | $\vdash \vdash$ | | } | | 119 120 | | -+ | | - | | | - - | - | - | |
| | 21 | - | + | + | + | + | ╁ | + | \dashv | | | 70 71 | + | + | \vdash | \dashv | \dashv | _ | \vdash | | } | - | 120 | \vdash | \dashv | -+ | + | + | | ┿ | ┼~ | 1 | |
| $\neg \dagger$ | 22 | $\vdash \vdash$ | + | + | + | - | \vdash | + | \dashv | - | | 72 | + | + | \forall | \dashv | \dashv | \dashv | \vdash | \dashv | ŀ | | 122 | | + | \dashv | \dashv | + | - - | +- | + | 1 | |
| | 23 | | \dashv | + | + | | <u> </u> | | \neg | | | 73 | - - | + | | \neg | \dashv | T | \vdash | \dashv | ŀ | | 123 | | \dashv | \dashv | \dashv | \dashv | \dashv | 1 | \top | 1 | |
| \neg | 24 | П | \neg | \neg | \neg | | 1 | | | | | 74 | | | 1 | | -+ | | - | \neg | r | _ | 124 | | - | - | <u> </u> | \rightarrow | | \dashv | + | 4 | |

| | 6 | 7 | - | Г | Т | Τ | | | | | | | | 56 | | | | | | | | | | | 106 | | | П | | | Г | | | |
|----------|----|----------|--|--|---------|--------------|-----------|----------|----------|---|-----------------|-----|---|-----|---|----------------|----------|---|---|----------|----------|---|-----------------|--------------|------|--|--|--|--|-----------------|------------------|---|----------|--|
| | 7 | フ | | Π | 1 | 7 | T | | | | | | | 57 | | | | | | | | | | \Box | 107 | | | | Г | | | | | |
| | 8 | ノ | | | \top | ┪ | T | | | | \vdash | | | 58 | | T | | | | | | | | \vdash | 108 | | | | Г | | | | | |
| | 9 | ァ | | Ι- | + | + | \dashv | _ | | | М | | | 59 | | \vdash | | | | | | | | Н | 109 | | 1 | \vdash | \vdash | М | _ | \vdash | | \vdash |
| | 10 | 7 | | | ┰ | 十 | + | _ | | | \vdash | | | 60 | | | | | | | | | \vdash | | 110 | | | \vdash | Н | Н | | Н | М | \vdash |
| | 11 | 7 | ├ | - | +- | | + | - | | | ╁━┤ | | | 61 | | - | - | | - | \dashv | | | \vdash | ┢ | 111 | | 1 | \vdash | H | \vdash | \vdash | | Н | |
| | 12 | 1 | ├ | - | +- | - - | + | | | _ | ╁─┤ | | | 62 | | - | | - | - | - | | | \vdash | - | 112 | | - | \vdash | \vdash | Н | \vdash | \vdash | H | ⊢ |
| | 13 | | | ├ | +- | + | + | | - | | \vdash | | | 63 | | ├ | _ | - | | \dashv | \vdash | | Н | | 113 | | | ┝╌ | Н | Н | ┢ | - | | |
| | 14 | 7 | ┼─ | ╁ | ╁╌ | + | + | \dashv | | | \vdash | | | 64 | _ | \vdash | | | | \dashv | - | | Н | _ | 114 | <u> </u> | - | ┢╌ | - | ├─┤ | - | | | ├ |
| _ | 15 | | - | \vdash | ╁ | + | + | \dashv | | _ | Н | | - | 65 | | \vdash | _ | - | - | | | | - | | 115 | - | | | H | \vdash | \vdash | \vdash | - | ⊢ |
| | 16 | <u> </u> | ╢ | <u> </u> | +- | ╫ | + | - | | | | | | 66 | | - | | | | | \dashv | | - | | 116 | - | — | ├ | H | \vdash | \vdash | $\vdash\vdash$ | \vdash | ⊢ |
| | 17 | | ├ | - | +- | +- | + | | | | - | | | 67 | | - | | | - | \dashv | \dashv | | \vdash | - | 117 | | | \vdash | H | \vdash | ⊢ | \vdash | H | - |
| | 18 | | | <u> </u> | ┿┈ | +- | + | | _ | | Н | | | 68 | | <u> </u> | \vdash | | | \dashv | - | _ | Н | | 118 | - | - | ├- | - | \vdash | - | | | |
| | | | ├— | ⊢ | +- | ╀ | + | - | | | Н | | | | | | _ | | | \dashv | _ | _ | Н | <u> </u> | 1118 | ├ | ļ | ├ | | \vdash | <u> </u> | | | ├ |
| | 19 | - | ├_ | | + | + | 4 | | | | Н | | | 69 | | _ | | | | \dashv | \dashv | | Н | ⊢ | 119 | \vdash | - | ├ | - | | - | | | |
| | 20 | | | - | + | + | 4 | - | _ | | \square | | | 70 | _ | | | | - | | | | Н | ــــــ | 120 | ⊢ | - | ├- | | | | | | <u> </u> |
| | 21 | | | - | + | + | 4 | | | | $\vdash \vdash$ | | | 71 | | <u> </u> | Ш | | | _ | _ | | Ш | <u> </u> | 121 | <u> </u> | 1 | ⊢ - | \sqcup | $\vdash \vdash$ | \vdash | | | |
| | 22 | _ | _ | <u> </u> | ┦- | 4 | 4 | | | | | | | 72 | | | | | | | | | Щ | <u> </u> | 122 | <u> </u> | | <u> </u> | Ш | Ш | \vdash | Ш | \vdash | <u> </u> |
| | 23 | | _ | ┞_ | ↓_ | \bot | 4 | | _ | | Ш | | | 73 | | | _ | _ | | | | | Ш | | 123 | <u> </u> | <u> </u> | <u> </u> | Ш | Ш | $ldsymbol{oxed}$ | Ш | <u> </u> | ╙ |
| | 24 | | _ | ╙ | ╄ | _ | 4 | _ | | | Щ | J | | 74 | | | | | | | | | | | 124 | | ļ | <u> </u> | Ш | Ш | _ | Ш | <u></u> | <u> </u> |
| | 25 | _ | _ | | ┸ | - | 4 | _ | | | Ш | | | 75 | | Щ | | | | | | | | | 125 | <u> </u> | <u> </u> | | | Ш | | Ш | \vdash | L |
| · · | 26 | | | L | ┸ | \perp | 4 | _ | | | Ш | | | 76 | | | | _ | | | | | | | 126 | | | ļ | Ш | Ш | Ш | Ш | <u></u> | <u> </u> |
| | 27 | Ŀ | | | ┸ | \downarrow | 4 | _ | | | | | | 77 | | | | | | | | | Ш | | 127 | | | | Ш | Ш | | \sqcup | _ | |
| | 28 | | | L | 1_ | \perp | | _ | | | | | | 78 | | | | | | | | | | | 128 | | | L | Ш | | | | | |
| | 29 | | | <u></u> | _ | | | | | | | | | 79 | | | | | | | | | Ш | | 129 | | | | Ш | | | | | |
| | 30 | | | L | \perp | \perp | | | | | | | | 80 | | L | | | | | | | Ш | | 130 | | | | | Ш | | | | |
| | 31 | | | L_ | \perp | 1_ | | | | | | | | 81 | | | | | | | ŀ | | | | 131 | | ľ | | | \Box | | | L | |
| | 32 | | | | | | | | | | | | | 82 | | | | | | | | | | | 132 | | | | | | | | | |
| | 33 | | | | | | | | | | | | | 83 | | | | | | | | | | | 133 | | | | | | | | | |
| | 34 | | | | | | | | | | | | | 84 | | | | | | [| | | | | 134 | | | | | | | | | |
| | 35 | | | | | T | T | | | | | | | 85 | | | | | | | \neg | | | | 135 | | | | | | | | | Г |
| | 36 | | | | | Т | Т | | | | | | | 86 | | | | | | \Box | \neg | | | | 136 | | Г | | \Box | | | | П | П |
| | 37 | | | | | Т | Т | \Box | | | | | | 87 | | | | | | | | | П | | 137 | Γ | | | П | | | П | П | П |
| | 38 | | | | | T | T | | | | П | - 1 | | 88 | | | | | | | | | | | 138 | | | | | | | П | П | П |
| | 39 | | | | | 7 | T | \neg | | | | | | 89 | | | | | | T | \neg | | П | | 139 | | Г | | | П | | П | П | |
| | 40 | | | | T | | 1 | | | | | j | | 90 | | | | | | | | | П | | 140 | | | | | | | | | _ |
| | 41 | | | | | T | | \neg | | | | ı | | 91 | | | | | | _ | | | П | | 141 | | | | | | | | | |
| | 42 | | | Г | 1 | T | 1 | \neg | \neg | | П | Ì | | 92 | | | | | _ | \neg | \neg | | П | | 142 | | İ | | | | | \Box | \Box | |
| | 43 | | | | T | T | 7 | _ | | _ | \Box | | | 93 | | | | | | \neg | \dashv | | \Box | | 143 | | | | П | \sqcap | | \Box | П | \vdash |
| | 44 | | Г | | 1 | \top | 十 | \dashv | 一 | | П | Ì | | 94 | _ | | | | | _ | \dashv | | Н | | 144 | | | | \vdash | \sqcap | \vdash | \sqcap | Н | \vdash |
| | 45 | | | Г | T | + | \dagger | - | \neg | - | \vdash | Ì | | 95 | | | | | | \dashv | \dashv | | $\vdash \vdash$ | | 145 | 1 | t^- | _ | H | П | П | \vdash | Н | |
| | 46 | | \vdash | Т | 1 | \dagger | + | - | | _ | | ŀ | | 96 | | | | | | \dashv | \dashv | | \vdash | | 146 | ┪ | | | Н | \sqcap | \vdash | \sqcap | Н | \vdash |
| | 47 | | \vdash | | 1 | $^{+}$ | + | - | \dashv | _ | \vdash | Ì | | 97 | | | | | | - | + | | $\vdash \vdash$ | | 147 | | | | H | \vdash | \vdash | \vdash | Н | \vdash |
| \dashv | 48 | | - | - | +- | + | + | \dashv | \dashv | | \vdash | ŀ | | 98 | | \vdash | | | | -+ | \dashv | | $\vdash \vdash$ | | 148 | | - | | \vdash | | \vdash | | \vdash | \vdash |
| | 49 | - | \vdash | \vdash | t | + | + | ᅱ | - | | | ŀ | | 99 | - | | | - | - | - | | | Н | | 149 | | \vdash | \vdash | \vdash | \dashv | | | | |
| | 50 | | - | \vdash | + | + | + | \dashv | \dashv | | \vdash | ł | | 100 | - | $\vdash\vdash$ | | | - | - | | | Н | | 150 | | \vdash | 1 | \vdash | \vdash | | \vdash | | |
| | 50 | | <u> </u> | L | Ц_ | | | 1 | i | | ш | L | | 100 | | | | | | | | _ | لـــا | L | 130 | L | <u> </u> | Щ. | ш | | ш | ш | | Щ. |